PROCEEDINGS
of
THE TRAVANCORE SRI MULAM ASSEMBLY.

(OFFICIAL REPORT.)

SECOND ASSEMBLY.

SECOND SESSION.

Wednesday, the 24th November 1937/9th Vrischikam 1113.

The Assembly met again in the Victoria Jubilee Town Hall at Eleven of the Clock President presiding

MEMBER SWORN IN.

MR. C. O MADHAVAN (*Excise Commissioner*) was sworn in.

QUESTIONS AND ANSWERS.

Employees in the Electrical Department.

38. *MR. K. T. THOMAS (*Tiruvalla*): Will the Government be pleased to lay on the table a list of persons now serving in the Electriacal Department as permanent, temporary or acting hands drawing a salary of Rs. 75 and above showing:

(*a*) their qualifications, degrees or diplomas in Engineering Electrical, with the Universities from which such have been taken;

(*b*) their respective practical experience, the period and place of training; and

(*c*) their order of seniority in the gradation list maintained by Government?

RAO BAHADUR RAJYASEVANIRATA DR. N. KUNJAN PILLAI (*Chief Secretary to Government*): The *Statement is placed on the table.

MR. KANNARA GOPALA PANICKAR (*Mavelikara* cum *Kunnattur*): മി. എസ്. രാമസ്വാമിക്ക് സ്പിന്നിംഗ് ഫാക്ടറിയിൽ രണ്ടു മാസത്തെ ട്രെയിനിംഗ് ഉണ്ടായിരുന്നില്ലെ?

RAO BAHADUR RAJYASEVANIRATA DR. N. KUNJAN PILLAI: ഉണ്ടായിരുന്ന ട്രെയിനിംഗിനെപ്പറ്റി എല്ലാം അതിൽ കാണിച്ചിട്ടുണ്ട്.

MR. KANNARA GOPALA PANICKAR: സ്പിന്നിംഗ് ഫാക്ടറിയിൽ ഉണ്ടായിരുന്ന ട്രെയിനിംഗിനെപ്പറ്റി ഇതിൽ കാണിച്ചിട്ടില്ല.

RAO BAHADUR RAJYASEVANIRATA DR. N. KUNJAN PILLAI: അതു് അറിയാൻ പാടില്ല.

**Vide*—Appendix I—pages 121 to 130.

G. P. T. 863-350

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MR. KANNARA GOPALA PANICKAR : പൊക്കാറ ഫാക്ടറിയിൽ നാലുമാസത്തെ ടയിനിംഗ് ഉണ്ടായിരുന്നതായി അറിയാമോ?

RAO BAHADUR RAJYASEVA NIRATA DR. N. KUNJAN PILLAI: അറിഞ്ഞുകൂടാ.

Metalling of road from Thiruvampady to Beach in Alleppey.

39. * MR. CODIVEETIL C. RAMANKUNJU (*Nominated*): Will the Government be pleased to state :

(*a*) whether the metalling of road from Thiruvampady to beach along the southern boundary of Alleppey town was ever sanctioned ;

(*b*) if so, when ;

(*c*) whether the estimate was prepared and the work included in the budget for any year ;

(*d*) if so, when ; and

(*e*) why it was not done yet?

MR. G. B. E. TRUSCOTT (*Chief Engineer*): (*a*) No.

(*b*) This does not arise in view of answer to part (*a*).

(*c*) No.

(*d*) and (*e*) These do not arise.

Prevention of smuggling on the Frontiers.

40. * MR. PULIYOOR T. P. VELAYUDHAN PILLAI (*Tiruvalla*): Will the Government be pleased to state :

(*a*) whether there was any proposal to protect the Northern Frontier with barbed wire fencing to check smuggling ; and

(*b*) whether any decision has been arrived at with regard to the above proposal ?

MR. C. O. MADHAVAN (*Excise Commissioner*) : (*a*) Yes.

(*b*) The preventive staff on the Frontier has been strengthened and the question of providing barbed wire fencing will be taken up, if necessary, after watching the working of the staff for some time.

MR. PULIYOOR T. P. VELAYUDHAN PILLAI : May I know from Government the approximate cost for putting up barbed wire fencing ?

MR. C. O. MADHAVAN : An estimate for 20 miles was drawn up and it came to Rs. three lakhs.

Veterinary Hospital for Nedumangad.

41. *MR. M. RAMIAH PILLAI (*Chirayinkil* cum *Nedumangad*) Will the Government be pleased to state whether there is any veterinary hospital in the Nedumangad taluk ?

MR. K. PARAMESVARA PANICKAR (*Secretary to Government*) : None

MR. M. RAMIAH PILLAI : May I know the name of the nearest hospital for the Nedumangad taluk ?

MR. K. PARAMESVARA PANICKAR : The Trivandrum Hospital.

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Appendix I.

Vide Answer to Question No. [38]

List of Officers in the Electricity Department drawing a pay of Rs, 75 and above.

Serial No.	Name and designation	Qualifications	Date of commencement of Government Service.	Particulars of practical training
1	Mr. K. P. P. Menon, Electrical Engineer.	B. A., (Madras) B. Sc., (Hons.), Lond., A. C. G. I., D, I. C., A. M. I. Mech. E., A. M. I. E. E., M. I. E., Ind.)	29-1-1098	1912—1915 Indian Institute of Science, Bangalore in the Department of Electrical Technology. 1913—Three months, M. S. & M. Railway Workshops Practical training. 1914—Three months—Sivasamudram Power House Practical training. 1915 April to 1917 July—Assistant Electrical Engineer in the H. E. H. The Nizams 'Electricity Department, Hyderabad. 1918—August to October—Three months—British Westinghouse, Manchester—Practical training. 1919—July to September—Three months do. do. 1920 September to 1922 February—Apprentice Engineer with Sir W. G. Armstrong Whitworth & Co., Ltd., London, Hydro Electric Department.

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APPENDIX I—(*contd*).

Serial No.	Name and designation	Qualifications	Date of commencement of Government service	Particulars of practical training
1	Mr. K. P. P. Menon, Electrical Engineer.—(*contd.*)			1922 January to February—Two months-visited Hydro Electric Stations in Norway. 1922 August to 1927 August—Industria Engineer Department of Industries Travancore.
2	Mr. H. C. Chopra, Executive Engineer, Hydro Electric Division, Kothamangalam.	B. A., B. T. (Punjab B. Sc., (Hons.) of California University; Assoc. I. E. E., M. A. M., I. E. E., A. M. I. E., (Ind.)	8-6-1110	Post Graduate course with Westinghouse Electric and Manufacturing Co., for 1½ years. Four years in the United States Edison Company's Operation Substations' One year in the Punjab P. W. D. Four years in Lahore Electric Supply Corporation.
3	Mr. P. Joseph John, Ag. Executive Engineer, Electrical Division, Trivandrum.	B. E. (Madras), A. M. I. E., (Ind.)	16-4-1104	One year and three months as Shift Operator in the College Power House Guindy. Assistant in the Mechanical Laboratory, Engineering College. Shift Engineer, Mettur Project Power House.
4	Mr. J. C. Parthew, Telephone Engineer to Government Trivandrum.	Retired Divisional Telegraph Engineer Trichinopoly.	13-2-1113	Temporarily engaged for Telephone Trunk lines, etc.

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APPENDIX I—(*contd.*)

Serial No.	Name and designation.	Qualifications.	Date of commencement of Government service.	Particulars of practical training.
5	Mr. M. V. Rama Varma Raja, Assistant Electrical Engineer, Chithirapuram.	B. A. (Madras)., B. Sc., (Lond) Grade I. E. E.	29-1-1109	Training in Messrs. Ericsson Telephones Ltd., England for seven months.
6	Mr. K. P. Sreedharan Nair, Superintendent, Trivandrum Electric Supply.	B. sc., Benares.	10-8-1106	1928—Two months— Marshall Sons & Co., Bombay, Two months—Royal Indian Navy Dockyard Workshops. 1929—June to November—Benares Hindu University Engineering College, Workshops and Power House. 1930—June to August—R. I. M. Dockyard, Diesel Engine Station. 1931—September to March—Tata Hydro Electric Scheme, Bombay.
7	Mr. G. Madhavan Pillai, Supervisor.	I. E. E. (Hons) of the V. J. T. Institute, Bombay.	25-5-1103	Engineer in charge of the Travancore Minerals for about four years.
8	Mr. N. Janardhanan Pillai, Superintendent, Quilon Electric Supply.	I. M. E., V. J. T. Institute Bombay.	4-4-1099	P. W. D. Workshops, Madras six monshs, Managing Expert, Jaggery Factory, Thiruvella.

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APPENDIX I — (*contd.*)

Serial No.	Name and designation.	Qualifications.	Date of commencement of Government service.	Particulars of practical training.
9	Mr. G. K. Nair, Supervisor	B. sc., (St. Andrews' University)	30-2-1109	1932—Training at the Asea Works in Vasteras Sweden and visited important Hydro Electric Stations at Mansbo, and Avesta on the Dalalven Harmer Foresen Turbine Works at Kristenham etc. and others under construction, such as Vargon and Sillre.
10	Mr. A. O. Ommen, Supervisor.	B. A., B. sc., (Hons.) Birmingham Grade I. E. E.	7-3-1109	1. Transformer and Switchgear Works of the General Electric Co. at Witton Birmingham—nine months. 2. Messrs. Chamberlain and Mookhan Meter Works, Birmingham— one month. 3. Messrs. Paralli General Cable Works, Southampton Central Electricity Board in their Grid Scheme in England—one month. 4. 132 K. V. Sub-station at Nursling, Portsmouth, Southampton and control room of Prince's Generating Station—four months.

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APPENDIX—I.(*contd.*)

Serial No.	Name and designation.	Qualifications.	Date of commencement of Government service.	Particulars of practical training.
11	Mr. U. Chandu Nair, Mains Engineer.	B. E., (Madras)	21-12-1108	P. W. D. Workshops, Trivandrum—nine months. Power House, Madras Engineering College—three months. Sivasamudram Hydro Electric Scheme—six months. Bangalore Sub-stations—three months.
12	Mr. T. Gopalaswami Rao, Telephone Supervisor.	Elementary Examination in practical telegraphy and completed the course for the Intermediate grade.	1-1-1099	Instructor in Telegraphy in T. V. K. Technical Institute. Tanjore Telephone Sub Inspector, Kodayar Project Division Travancore P. W. D. from 10/1085 to 1099. Telephone Inspector P. W. D. at Nagercoil from Chingom 1099.
13	Mr. K. P. Pillai, Meter Inspector.	L. M. E. (V. J. T. Institute) Bombay, passed Bombay Boiler Act II Class.	18-12-1104	1910—Apprentice for one year in the G. I. P. Railway Workshop—Parel, Bombay. 1912 Engineer in charge of Messrs. Tracker & Co., Bombay. 1912 to 1914—Assistant Electrical Engineer in the Power House of the A. P.O. C. Persian Gulf. 1915 to 1927.—Electrical Foreman in the Tata Iron and Steel Works, Jamshedpur, Tatanagar. 1927 for six months Electrical Engineer, Power House, Electric Supply Corporation, Kannadukathan Entered Government service as Assistant Station Engineer.

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APPENDIX I.—(*contd.*)

Serial No.	Name and designation.	Qualifications.	Date of commencement of Government service.	Particulars of practical training.
14	Mr. C. K. Sivasankara Pillai, Station Engineer, Quilon.	Diploma in Electrical Engineering, Mysore Government, Technical Board Examination Higher Grade.	5-6-1103	Assistant Chargeman—Local Station Lighting Department Bombay of the B. B. and C. I. Railway for seven months, worked in the Erection of Transformer Houses of three mills of Sassoon Mills and was in charge of the Transformer House of Jacob Sassoon Mills Bombay for six months. Assistant Shift Engineer in the Tata Oil Mills, Eranaculam for one year.
15	Mr. C. Padmanabhan Nair, Assistant Station Engineer	Mechanical and Electrical Engineering of the College of Engineers Guindy, Passed the F.E. Examination of the Madras University.	22-9-1108	Practical course in the Trivandrum Power House, P. W. D. Workshops and in the Golden Rock, S. I. Ry., Workshops.
16	Mr. George Varghese, Supervisor	Undergone 1st and 2nd year course in Electrical Engineering of the Benares Hindu University.	14-4-1104	Practical training in the Sivasamudram Generating Station and the Receiving Station in Bangalore and in the Meter Repairing Section and in Poona Power Station.

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APPENDIX I.—(*contd*)

Serial No.	Name and Designation.	Qualifications	Date of Commencement of Government Service.	Particulars of practical training.
17	Mr. G. Kurien, Supervisor.	B. Sc. (Glasgow)	12-8-1110	Three months and nine days in the Electrical Installation works of Messrs Chalmares Ltd., Glasgow. Four months and 19 days in the Erection of Electrical Machinery of Messrs. Macfarlane Engineering Co., Glasgow. Five months with Bardykes Colliary (Near Glasgow). One year and six months with Messrs. Harland Engineering Co., Ltd., Scotland. Two months and seven days with Messrs. Mittlere Isar Aktienges Selsechaft Finishing Munich (Germany). 7½ months with Messrs. Leicht, Flugzeugklub Munich. Three months and 9 days with Woodley Aerodrome Berks. 10 months with Messrs Volkart Bros., Madras. Entered the Electrical Department on 12-8-1110.
18	Mr. K. V. De'Patel, Supervisor.	B. Sc., (St. Andrews) University.	12-8-1110	One year's Extra laboratory course from 1932 University College Dundee. 1½ months voluntary service in the Electrical Power House, Trivandrum.

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APPENDIX I.—(*contd.*)

Serial No.	Name and Designation.	Qualifications	Date of commencement of Government Service.	Particulars of practical training.
19	Mr. G. Purushothaman, Pillai.	B. A., (Madras) B. Sc. Benares.	29-4-1109	Six months training in the Trivandrum Power House. Two months training in the P. W. D. Workshops, Trivandrum Two months in Morodabad Sub-station of Ganges Canal Hydro Electric Scheme.
20	Mr. S. Ramaswamy, Acting Station Engineer, Power House, Trivandrum.	B. A. B. Sc., (Hons) London.	2-1-1113	One year's training in the Works of Messrs. British Thompson Houston Electrical Co., Rugby.
21	Mr. A. M. Mani, Temporary Supervisor, Commercial Section, P. H. E. Project Chithirapuram.	B. A., B. Sc., (Hons) London.	6-3-1113	1. Vacation training— part of summer vacation 1934 Messrs Lawrence Scott & Electro Motor Ltd. Norwich, England. Olten Goesgen Power Station, Olten Switzerland 1st August 1935 to 31st July. 1937. Brown Bovert & Co., Baden Switzerland.
22	Mr. E. U. Mathew, Supervisor.	B. Sc., Benares.	12-8-1110	Training in Tata Hydro Electric Works Bombay—6 months in 1932. Training in P. W. D. Workshops, Trivandrum three months in 1932. Training in Sugar Factory construction work., Mandya. Mysore—six months in 1934. Training in Trivandrum Power House 10 months 1934-35.

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APPENDIX I—(*contd.*)

Serial No.	Name and designation.	Qualifications.	Date of commencement of Government Service.	Particulars of practical training.
23	* Mr. N. Madhava Menon, Supervisor.	B. A., B. Sc., (Benares)	12-8-1110	Nine months, training in the Engineering Branch of the Royal Indian Marine Dockyard, Bombay; One year in the Drawing branch of the Electrical Engineer's Office, Travancore; 7 months in the Trivandrum Telephone Exchange.
24	*Mr. P. G. K. Iyer, Supervisor.	B. Sc., (Benares)	12-8-1110	Trivandrum P. W. D. Workshops five months; Trivandrum Power House Five months; Cauveri Power Scheme, Bangalore five months; Cauveri Power Scheme at Sivasamudram six months.
25	*Mr. V. K. Iyer. Supervisor.	B. Sc., Michigan, U. S. A.	12-8-1110	Part-time Assistant in the Department of Engineering Research at the University of Michigan between 1927—1929. Worked in the Engineering Department of Hudson Motor Car Co., Detroit Michigan in 1927 to 1929.
26	Mr. S. R. Panicker, Supervisor.	B. Sc., (Benares)	2-3-1111	Six months in the Hydro Electric Installations at Jammu and Kashmir; six months in R. I. M. Dockyard, Bombay; $5\frac{1}{2}$ months in the G. I. P. Railway, Mataange

*17 and 18, 22 to 25 Seniority not settled. To be taken up when the question of promotion comes.

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APPENDIX I—(*contd.*)

Serial No.	Name and designation.	Qualification.	Date of commencement of Government service.	Particulars of practical training.
	Mr. S. R. Panickar Supervisor—(*contd.*)			Workshops, Bombay; 1½ months in the Electric Traction Overhead Distribution, Bombay; 6½ months as paid appredtice in the construction of H. T. T. Line, P. H. E. Project, Travancore.
27	Mr. U. C. I. Mammen, Supervisor.	B. sc., (Benares.)	26-7-1111	Ten months in Benares Hindu University Workshops and Testing Laboratory Benares; Five months apprentice P. W. D. Workshops, Trivandrum; three months. Trivandrum Power House; six months Cauvery Power Scheme G and T Stations Sivasamudram; Two months, 'A' Power Station, Bangalore; one year Mains Section of the Trivandrum Electric supply; eleven months paid apprentice in the construction of H. T. T. Lines, P. H. E. Scheme under Messrs. Callender's Cable and Construction Co.
8	Mr. G. S. Kymal, Ag. Head Draftsman.	B. A., B. sc., (Benares.)	17-6-1112	Apprentice in Trivandrum Electric Supply for one year; work Establishment Foreman in Trivandrum Electric Supply for 18 months.